| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |  |

Application/Control No.

10/723,517 Examiner

Michael Trinh

Applicant(s)/Patent under Reexamination

WON ET AL.

Art Unit

2822

| √  | Rejected |
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| II | Allowed  |

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla                    | Claim Date |                |          | ]:::::   | Claim Date |  |          |                 |          | :::[          | Cla         | aim      | Date            |          |                  |          |              |  |          |          |                |          |          |          |          |        |          |          |  |                 |
|------------------------|------------|----------------|----------|----------|------------|--|----------|-----------------|----------|---------------|-------------|----------|-----------------|----------|------------------|----------|--------------|--|----------|----------|----------------|----------|----------|----------|----------|--------|----------|----------|--|-----------------|
|                        | _          |                |          | Т        |            | T  |          |                 |          | 1             |             |          |                 |          | Т                |          |              | $\Gamma \Gamma$                                  |          |          |                |          |          | Т        |          |        | Т        | T        | Т  | П               |
| Final                  | Original   | 3/8/05         |          |          |            | 1  |          |                 |          |               | ब           | Original |                 |          |                  |          |              |  |          |          | ख              | Original |          |          |          | ļ      | 1        |          |  |                 |
| 🖆                      | Ē          | 3/8            |          |          |            |  |          |                 |          |               | Final       | rig      |                 |          |                  |          |              |  |          |          | Final          | ij       |          |          | ŀ        |        | ł        |          | i  |                 |
|                        | ١٥         |                |          |          |            |  |          |                 |          |               | i           | 0        |                 |          |                  |          |              |  |          |          | _              | 0        |          | ł        |          |        |          |          |  | ΙÌ              |
|                        | 1          | V              |          |          | $\top$     | T  | T-       | 1 1             |          | 1             |             | 51       |                 | _        | _                |          |              | T  | -        | ŀ        |                | 101      | 寸        | 十        | _        | +      | +        |          | $\vdash$   | $\vdash$        |
|                        | 2          | V              |          | $\top$   | 十          | +-   |          | $\Box$          |          | 1             |             | 52       |                 | _        | 1                | Н        | $\dashv$     | +  | -        | ŀ        |                | 102      | $\dashv$ | +        | -+       | ╁      | +        | +-       | +-   | $\vdash$        |
|                        | 3          | V              | $\neg$   |          |            | ╅  | 1        | 1               |          | 1             |             | 53       | $\vdash$        |          | 1                | Н        |              | +  |          | -        |                | 103      | +        | +        | +        | +      | +-       | ╁╌       | $\vdash$   | $\vdash$        |
|                        | 4          | V              |          | $\neg$   | $\top$     | $\top$   | +-       | Ħ               |          | 1             | -           | 54       |                 | _        | +                | Н        | _            | 1 1  | <b></b>  | ŀ        |                | 104      | _        | +        | +        | +-     | 十        | ╁        | $\vdash$   | $\vdash$        |
|                        | 5 -        | V              | -        | 1        | 1          |  | T        |                 |          |               | -           | 55       |                 | 1        |                  | -        |              |  |          | ŀ        | _              | 105      | -        | +        | +        | +      | +        | +        | +  | $\vdash$        |
|                        | 6          | V              |          | 1        |            | 1  | T        |                 |          |               |             | 56       | Ħ               | $\top$   | +                |          | $\top$       | <del>  -</del>                                   | $\dashv$ | ŀ        |                | 106      | _        | $\top$   | +        | +      | +        | +        | <del> </del>                                     | +               |
|                        | 7          | V              | $\dashv$ | $\top$   | 1          | 1  | 1        |                 |          |               |             | 57       | $\vdash$        | $\top$   | +-               | H        | _            | ╅  | -        | ŀ        |                | 107      | $\dashv$ | $^{+}$   | +        | +      | +        | +        | ┼  | Н               |
|                        | 8          | V              | $\dashv$ | $\dashv$ | T          | 1  | 1        |                 | _        |               | -           | 58       | $\vdash$        | $\top$   | _                | H        | +            | +++  |          | ŀ        |                | 108      | _        | +        | ╌┼╌      | +      | +        | ╁╌       | $\vdash$   | Н               |
|                        | 9          | ٧              | _        | $\top$   | $\top$     | T  | $\top$   | 1               |          |               |             | 59       | $\vdash$        | +        | _                | Н        | <del> </del> | ++   | -        | ŀ        |                | 109      | $\dashv$ |          | +        | +      | +        | +        | <del>                                     </del> | $\vdash$        |
|                        | 10         | V              |          |          |            | $\top$   | 1        | 177             | _        |               |             | 60       | Ħ               | 1        | 1                | H        |              | +  | -        | ŀ        |                | 110      |          | +        | 十        | +      | +        | +-       | $\vdash$   | $\vdash$        |
|                        | 11         | ٧              |          |          | 1          | 1  | 1        | 1-1             |          |               |             | 61       |                 |          |                  |          |              | 1 1  | <b>-</b> | r        |                | 111      | $\dashv$ |          | +        | +      | +-       | ┰        | t  | $\vdash$        |
|                        | 12         | ٧              | $\top$   | 1        | ╅          | T  | $\top$   | T               |          |               |             | 62       | $\vdash$        | +        | $\top$           | $\Box$   | _            | +  | 7        | ŀ        |                | 112      | _        | -        | +        | $\top$ | †-       | +        | +  | H               |
|                        | 13         | V              | 1        | 丁        | $\top$     | +  | $\top$   | 1               |          |               |             | 63       |                 | +        | $\top$           | $\vdash$ | +            | +  | 7        | il       |                | 113      | $\dashv$ | $\dashv$ | +        | +      | ╁        | +        | $\vdash$   | $\vdash \vdash$ |
|                        | 14         | V              | 十        | $\neg$   | $\top$     | T  | 1        | $\sqcap$        |          |               |             | 64       | $\vdash$        | Ť        | +-               | $\vdash$ | $\dashv$     | <del>                                     </del> | 1:::     | ŀ        |                | 114      | $\dashv$ | +        | +        | ╁      | +        | +        | <del> </del>                                     | $\dashv$        |
|                        | 15         | V              | $\top$   | $\top$   |            | 1  | 1        | $\Box$          | -        |               |             | 65       | $\vdash$        | +        | +-               | $\vdash$ | +            | ++   | -        | ŀ        |                | 115      | $\dashv$ | +        | +        | +      | +        | +        | $\vdash$   | $\vdash$        |
|                        | 16         | V              |          | $\top$   | †          |  |          |                 |          |               |             | 66       | $\top$          | _        | _                | Н        |              |  | -        | ŀ        |                | 116      | $\neg$   | +        | $\dashv$ | +      | +        | ╁        | $\vdash$   | Н               |
|                        | 17         | ٧              |          |          | +-         | $\top$   |          | $\Box$          |          |               |             | 67       | $\vdash$        |          | +                | H        | _            |  | -        | -        |                | 117      | -+       | +        | +        | +-     | ╁        | ╁        | ┢  | Н               |
|                        | 18         | ٧              | $\neg$   |          | 1          | 1  | T        |                 | _        |               |             | 68       | $\vdash$        |          | †                | H        |              |  | -        | 1        |                | 118      | $\dashv$ | +        | +        | ╁      | +        | ╁        | $\vdash$   | +               |
|                        | 19         | ٧              | T        | $\top$   | +          | T  | T        | $\vdash$        |          |               |             | 69       |                 | +        | 1                | $\vdash$ | -            | +  |          | ÷        |                | 119      | +        | +        | +        | ┰      | +        | +        | $\vdash$   | $\vdash$        |
|                        | 20         | V              | $\dashv$ | 十        | 1          | ✝  | +        |                 |          |               |             | 70       | — <del> -</del> | +        | +                | $\vdash$ | -            |  |          | ŀ        | $\rightarrow$  | 120      | +        | +        | +        | +      | +        | $\vdash$ | -  | Н               |
|                        | 21         | V              | $\dashv$ | +        | +-         | +  | +        | $\vdash$        |          |               |             | 71       | -               | -        | 1                | -        | +            | ++   | - ::     | ŀ        | -              | 121      | $\dashv$ | +        |          | +      | +        | ╆        | ╁─┤  | H               |
|                        | 22         | V              | $\neg$   | +        | _          | $\dagger$  | +        | +               |          |               |             | 72       |                 | +        | +                | -        | +            | <del>                                     </del> | $\dashv$ | ŀ        | $\dashv$       | 122      | +        | +        | +        | +      | ╫        | ┿        | $\vdash$   | Н               |
|                        | 23         | v              | $\dashv$ | +        | ┰          | +  | +-       | 1-1             |          |               |             | 73       |                 | +        | +                |          | +            | <del>                                     </del> | $\dashv$ | ŀ        | $\dashv$       | 123      | +        | +        | +        | +      | +        | +        | $\vdash$   | Н               |
|                        | 24         | V              | Ť        | +-       | +-         | +  | +        | + +             |          |               | _           | 74       | -+              | +        | +                | +        | +            | ┼─┼  | -111     | ŀ        |                | 124      | $\dashv$ | +        | +        | +      | +        | ╁        | $\vdash$   | Н               |
|                        | 25         | Ť              | -        | +        | +          | +  | +        | H               |          |               |             | 75       | -               | +        | +-               | $\dashv$ | +-           | $\vdash$   | -        | ╟        |                | 125      | -+       | -+       | +        | ┿      | ╁╌       | ╁        | $\vdash$   | Н               |
|                        | 26         | $\dashv$       | $\neg$   | _        | +          | ╁  | +        | $\vdash$        | _        |               |             | 76       | +               | +        | +                | $\dashv$ |              | $\vdash$   | -        | ŀ        | 1              | 126      | +        | +        | +        | ╅      | ╁        | ╁        | ╁┷┤  | Н               |
|                        | 27         | T              | _        | +        | +          | ╈  | +        | $\Box$          |          |               | $\neg \neg$ | 77       | $\dashv$        |          | +                | -+       | +            | <del>                                     </del> |          | ╟        |                | 127      | +        | +        | +        | +      | +-       | +        | Н  | Н               |
|                        | 28         |                | $\dashv$ |          | +-         | +  | +        | 1               |          |               |             | 78       |                 | +        | +                | $\vdash$ | -            | H  | - :::    | ŀ        |                | 128      | $\dashv$ | _        | +        | ╁      | ╀        | ╁        | $\vdash \vdash$                                  | $\vdash$        |
|                        | 29         | _              | $\dashv$ | +        | +          | +-   | †        | H               |          |               |             | 79       | $\dashv$        | $\dashv$ | +                | $\dashv$ | -            | <b>i</b>   |          | ╬        | $\dashv$       | 129      | -        | +        | -        | +      | ╁        | ┼        | $\vdash\vdash$                                   | Н               |
|                        | 30         | $\dashv$       | _        | +        | +          | +  | +        | $\vdash$        |          |               |             | 80       | $\dashv$        |          | +                | $\dashv$ |              |  |          | ŀ        |                | 130      | $\dashv$ | +        | +        |        | ┿        | +        | $\vdash\vdash$                                   | Н               |
| $\vdash$               | 31         | $\dashv$       | $\dashv$ | +        | +          | +  | +        | $\vdash$        | _        |               |             | 81       | +               |          | +                | $\dashv$ |              | <del>   -</del>                                  | -        | ŀ        |                | 131      | $\dashv$ | - -      | +        | +      | +        | ╁        | $\vdash\vdash$                                   | Н               |
|                        | 32         | _              | $\top$   | +        | +-         | $\vdash$   | +        | $\vdash$        |          |               |             | 82       |                 | +-       | +                | -        | -            | $\vdash$   | -        | ŀ        | -              | 132      | $\dashv$ | ┿        | +        | +      | +-       | ┼        | Н  | $\vdash\vdash$  |
|                        | 33         | _              |          | +-       | +          | +  | +-       | Н               |          |               | +           | 83       |                 | +-       | +                | $\dashv$ | -            | ╁-┼-   | -        | ŀ        | $\dashv$       | 133      | +        | +        | +        | ╁      | ┼        | ┼        | Н  | H               |
|                        | 34         | _              | +        | +        | +          | 十  | +-       | ╁┼              | -        | :::: <b>}</b> |             | 84       | $\dashv$        | +        | +                | $\dashv$ |              | -  | -        | H        |                | 134      | +        |          | +        | +      | +-       | +-       | $\vdash \vdash$                                  | H               |
|                        | 35         | $\neg \dagger$ | $\top$   | +-       | +          | T  | $\vdash$ | $\vdash$        |          |               |             | 85       | -               | +-       | +                | $\dashv$ | +            | $\vdash$   | -        | +        | <del>-  </del> | 135      | +        | +        | +        | +      | +-       | ╁        | $\vdash\vdash$                                   | $\vdash$        |
| $\vdash \vdash$        | 36         | _              | $\dashv$ | $\top$   | +-         | $\top$   | $\vdash$ | 1               | _        | ŀ             |             | 86       | +               | +        | ╁                | $\dashv$ | +            | $\vdash$   | -        | ŀ        | +              | 136      | +        | +        | +-       | +      | +        | +-       | $\vdash$   | $\vdash$        |
| $\vdash \vdash \vdash$ | 37         | $\dashv$       | +        | +        | +          | +  | H        |                 | $\dashv$ | ŀ             |             | 87       | -+              | +        | +-               |          | +            | $\vdash$   | -        | -        | $\dashv$       | 137      | +        | +        | +        | +      | +        | 1        |  | H               |
|                        | 38         | $\dashv$       | $\dashv$ | +        | +          | †  | +        | $\vdash$        | -        | ::::: <br>    |             | 88       | +               | +        | +                | $\dashv$ | +            | <del>  -</del>                                   | -        | ŀ        | $\dashv$       | 138      | +        | +        | +        | +      | +        | $\vdash$ | $\vdash\vdash$                                   | $\vdash$        |
|                        | 39         | $\dashv$       | $\top$   | +        | +          | ┼┈   | $\vdash$ | $\vdash$        | $\dashv$ | ŀ             | -+          | 89       |                 | +        | +                | -        | +            | $\vdash$   | -        | ŀ        |                | 139      | +        | +        | +        | +-     | ╁        | $\vdash$ | $\vdash\vdash$                                   |                 |
|                        | 40         | $\dashv$       | $\dashv$ | $\top$   | +          | $t^{-}$  | $\vdash$ | $\vdash$        | ᅥ        | l             |             | 90       | -               | +        | +-               | -+       | +            | <del>  -</del>                                   | -        | H        | -+             | 140      | +        | +        | +        | +-     | +        | ╁        | $\vdash$   | -               |
|                        | 41         | $\dashv$       | $\dashv$ | +        | +          | +  | H        | $\vdash$        | $\dashv$ | ŀ             |             | 91       | -               | +        | +-+              | $\dashv$ | +            | <del> </del>                                     | -        | -        | $\dashv$       |          | +        | +        | +        | +-     | +        | 1        | $\vdash \vdash$                                  | $\dashv$        |
|                        | 42         | $\dashv$       | +        | +        | +          | $\vdash$   |          | $\vdash$        | $\dashv$ |               |             | 92       | $\dashv$        | +        | 1-1              | $\dashv$ | +            | <del>  -</del>                                   | $\dashv$ | H        |                | 141      | $\dashv$ | +        | +        | ╁      | ╀        | $\vdash$ | $\vdash$   | $\dashv$        |
| $\vdash$               | 43         | +              | +        | +        | +          | +  | $\vdash$ | $\vdash$        |          | H             | $\dashv$    | 93       | $\dashv$        | +        | +                | +        | +            | -  | -        | H        |                | 143      | +        | +        | +        | +      | +-       | 1        | $\vdash\vdash$                                   | -               |
|                        | 44         | $\dashv$       | +        | +        | $\vdash$   | <del>                                     </del> |          | H               | -        | iii l         | -           | 94       | -+              | +-       | +                | $\dashv$ |              |  | $\dashv$ | $\vdash$ |                | 144      | +        | +-       | +        | ╁      | ╁        | -        | $\vdash\vdash$                                   | $\dashv$        |
|                        | 45         | +              | +        | +-       | +          | +-   | $\vdash$ | $\vdash$        | $\dashv$ | ŀ             | -           | 95       | +               | +        | +                | +        |              | <del>                                     </del> | -        | $\vdash$ | <del> </del>   | 144      | +        | +-       | +        | +      | +        | $\vdash$ | $\vdash$   | $\dashv$        |
| $\vdash$               | 46         | $\dashv$       | +        | +        | +          | 1  | $\vdash$ | $\vdash \vdash$ | $\dashv$ | ŀ             | $\dashv$    | 96       | +               | +        | <del>     </del> | $\dashv$ | +            | $\vdash$   | -        | H        |                | 146      | +        | +        | +-       | +      | ╀        | -        | $\vdash$   | $\dashv$        |
|                        | 47         | $\dashv$       | +        | +        | T          | t  | $\vdash$ |                 | $\dashv$ | ŀ             |             | 97       | -               | +        | ╁╌╂              | $\dashv$ | +            | ╁┼   | $\dashv$ | -        |                | 147      | +        | +        | +        | ┿      | $\vdash$ | $\vdash$ | ┌┼┤  | _               |
| -                      | 48         | -              | +        | +        | +          | <u> </u>   | H        | $\vdash$        | ᅱ        |               |             | 98       | +               | +        | + +              | $\dashv$ | +            | - -  | $\dashv$ | $\vdash$ |                | 148      | +        | +        | +-       | +-     | +        | -        | $\dashv$   |                 |
|                        | 49         | +              | $\top$   | +        | +          | _  | Н        | $\vdash$        | ᅱ        |               |             | 99       | $\dashv$        | +        | + +              | $\dashv$ | +-           | $\vdash$   | -        | H        |                | 149      | +        | +        | ┿        | ╄      | ╂—       | -        | $\rightarrow$                                    |                 |
|                        | 50         | $\dashv$       | +        | +        | +          | $\vdash$   | $\vdash$ | $\vdash$        | $\dashv$ | ŀ             | -+          | 100      | +               | ╁        | +                | $\dashv$ | +            | +  | -        | -        |                | 150      | +        | +        | +        | ╁      | +-       | $\vdash$ | _  | $\dashv$        |
| LL                     |            |                |          |          |            |  |          |                 |          | L             |             | ,00      |                 |          | 1                |          |              |  | _::::    | ٦L       |                | 100      |          |          |          | 1      | 1        | 1        |  | _ 1             |